

REMARKS

Claims 1, 4-7, 10-13, 15-17, and 19 stand objected to because of informalities.

While the Examiner's suggestions are appreciated, Applicants prefer their present form, and do not wish to amend claims unless they are statutorily insufficient. Accordingly, Applicants traverse the objection because the claims, as recited, satisfy the statutory requirements under Title 35 of the U.S. Code of the Patent Statutes. For this reason, reconsideration and withdrawal of the objection is respectfully requested.

Claims 1, 4-7, 10-13, 15-17, and 19 stand rejected under 35 U.S.C. 102(b) as being anticipated by Hayashi et al. (U.S. Patent No. 5,396,631). Applicants traverse the rejection because Hayashi does not disclose (or suggest) a language-specific-rule table.

Hayashi is directed to a compiling apparatus and a compiling method. Hayashi discloses a table that stores optimization functions for only one programming language. Hayashi does not disclose or suggest a language-specific table. Rather, a new table and compiler would be necessary for each programming language. The classes MPA, MPB, and SCH are different phases for optimization functions, and are not programming languages.

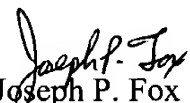
In contrast, the present invention discloses a language-specific table (see Applicants' specification pg. 15, lns. 20-27 and pg 16, lns. 1-12). The language-specific table allows optimization functions for a plurality of programming languages to be stored. That is, by storing the assignment rules for a plurality of programming languages in a language-specific table, the compiler of the present invention is able to optimize the source code written in one or more programming languages.

In addition, Hayashi fails to disclose (or suggest) storing assignment rules in a language-specific table for one or more programming languages allowing vector representation, as featured in the independent claims. Accordingly, Applicants traverse the §102 rejection for this additional reason. The present application teaches storing assignment rules for programming languages that allow vector representation of arrays. For all of these reasons, withdrawal of the §102 rejection is respectfully requested.

For all of the foregoing reasons, Applicants submit that this Application is in condition for allowance, which is respectfully requested. The Examiner is invited to contact the undersigned attorney if an interview would expedite prosecution.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By 
Joseph P. Fox
Registration No. 41,760

August 23, 2004

300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
Telephone: 312.360.0080
Facsimile: 312.360.9315
Customer Number 24978